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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Donald T. Tran

Title: ELECTRONIC ASSEMBLY WITH INTEGRATED IO AND POWER CONTACTS

Docket No.: 884.B83US1

Serial No.: 10/810,957

Filed: March 26, 2004

Due Date: September 4, 2005

Examiner: Roy K. Potter

Group Art Unit: 2822

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ Return postcard.
- ☒ Response to Restriction Requirement (2 pgs.).

If not provided for in a separate paper filed herewith, Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
Customer Number 21186

By: Ann M. McCrackin
Atty: Ann M. McCrackin
Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 24 day of August, 2005.

John D. Gustaf, Unrall
Name

John D. Gustaf, Unrall
Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
(GENERAL)



S/N 10/810,957

PATENT

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Applicant:	Donald T. Tran	Examiner:	Roy Potter
Serial No.:	10/810,957	Group Art Unit:	2822
Filed:	March 26, 2004	Docket:	884.B83US1
Title:	ELECTRONIC ASSEMBLY WITH INTEGRATED IO AND POWER CONTACTS		
Assignee:	Intel Corporation	Customer Number:	21186

RESPONSE TO RESTRICTION REQUIREMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In response to the Restriction Requirement mailed August 4, 2005, Applicant elects, with traverse, Group I (claims 1-21). If the restriction is continued, Applicant cancels remaining claims 21-28 (with prejudice), and reserves the right to reintroduce them in one or more divisional applications at a later date.

The Restriction Requirement is traversed on the basis that Restriction Requirements are optional in all cases. MPEP 803. If the search and examination of an entire application can be made without serious burden, the Examiner must examine it on the merits, even though it arguably may include claims to distinct or independent inventions. MPEP 803.

All of the pending claims relate to integrated circuits, electronic assemblies, electronic systems and methods that include (i) a base having a power contact that extends from an upper surface of the base to engage a daughterboard that includes a voltage source; (ii) a substrate mounted to the upper surface of the base where the substrate is electrically coupled to the base; and (iii) a die mounted on the substrate where the die is electrically coupled to the substrate to receive power from the voltage source through the power contacts on the base. The Examiner will be looking for a base, a substrate and a die as recited in each of claims 1-28. Thus, Applicant respectfully submits that each of these claims can all be easily searched and examined together.

As part of maintaining the restriction requirement, the examiner states at page 2 of the Office Action that "in the instant case the method can be used to make a device in which the substrate is not electrically coupled to the base." Applicant respectfully traverses the Examiner's assertion and notes that method claim 22 recites "supplying power from the voltage source to the die using the power contacts."

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Applicant can not see where the statement adequately indicates that claims 1-21 and 22-28 are distinct inventions. Clarification is respectfully requested.

In addition, Applicant also fails to see the relevance of the statements because as stated above, the Examiner will be looking for a base, a substrate and a die as recited in each of claims 1-28. Applicant notes that the Examiner will be searching for a substrate on a base without regard to whether the substrate is electrically coupled to the base. If the Examiner still feels that restriction is proper, Applicant notes that Applicant may be willing to amend claim 22 to specify that the substrate is electrically coupled to the base in order to avoid restriction.

The Examiner is invited to telephone Applicant's attorney Andrew Peret at 262-646-7009, or the below-signed attorney at 612-349-9592, to facilitate prosecution of this application. If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

DONALD T. TRAN

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
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Date Aug. 24, 2005

By Ann M. McCrackin
Ann M McCrackin
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 24 day of August 2005.

Name

John Gustav Wrathall

Signature

John Gustav Wrathall